ORSI AND ARMANI'S
PATENT METALLIC LAVA,
BROWN, WHITE, AND ORNAMENTAL,

AND

SEYSSEL ASPHALTE.

Messrs. O. and A. beg to inform ARCHITECTS, BUILDERS, &c. that in addition to their BROWN LAVA for floorings, roofings, &c. and their WHITE and ORNAMENTAL LAVA, for interiors of churches, halls, museums, entireties (and in consequence of CLAMIDGE'S PATENT for SEYSSEL ASPHALTE having expired), they are now ready to contract for work to any extent in GENUINE SEYSSEL ASPHALTE, imported by them from the original mines of Seyssel, and by their List of Prices, Architects, Builders, and Contractors will see a GREAT REDUCTION from those of any other importer.

A GUARANTEE IS GIVEN for work executed by O. and A. for THREE YEARS, free of any expense.

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July, 1862.

GLOOMY and DARK ROOMS

ILLUMINED BY THE LIGHT OF DAY

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A Description, post-free, on application to

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PLUMBIC ZINC.

MOREWOOD AND ROGERS'S PATENT PLUMBIC ZINC

POSSESSES THE DURABLE QUALITIES OF LEAD, and not requiring to be more than ONE-FOURTH AS HEAVY AS SHEET LEAD, is, with great ECONOMY and ADVANTAGE, substituted for that metal FOR ROOFING, RIDGES, GUTTERS, and all other purposes to which sheet lead is applicable.

THE EXPENSE OF THIS METAL IS LESS THAN ONE-HALF THAT OF LEAD.

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By Royal Letters Patent.

JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR,

Having extended his means for executing Orders, and Continues for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c.

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The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weights, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices.

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IRON BUILDING and ROOFING WORKS,
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Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE
Of the Corrugated Iron Rooms, Gardens, and Fire-proof Floors.
LONDON—Office, 34, Cornhill.

THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crawford's Patents, and Successors to
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Supply patent Galvanized Sheets, plain or corrugated, for roofing in Water or Gas Pipes, Ceilings, Wire of all gauges, Gutterings, Hoping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—REGENT'S CANAL WHARF, LIMEHOUSE, and BIRMINGHAM.
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THE PATENT (IMPROVED) GALVANISED IRON.

JOHN SIMONDS and CO. submit the attention of merchants, builders, contractors, and others to the improvements they have made in working CHADBURN'S PATENT, by which they are enabled not only to preserve the toughness and ductility of the iron, but to supply gutters and shoulders and wire of every description, superior in all respects to that produced by any other process.

Estimates given for iron roofs, corrugated sheds, houses, wire for hammocks, and Submarine Cables, wire rope, fencing, &c.

Engineers and Shipowners to the Gold Regions supplied with J. S. and CO.'S PATENT GALVANIZED IRON GOLD WASHING MACHINES.

N.B.—Circulars containing estimates for roofs fixed complete, lists of prices, and every other information, forwarded on application.

OFFICES—12, CIRCUS, MINORIES.
WORKS—GLASS-HOUSE-YARD, opposite the principal entrance to the London Docks.

WANTED, an EIGHT-HORSE ENGINE, with a double 12-inch Pump attached.—Apply by letter to T. R. W. S. Paynton-terrace, East India-road, London.

WANTED to PURCHASE, a STEAM-ENGINE of fifty-horse or more power, with or without pumps, capable of forcing to a pressure of 150 feet. The engine must be a bed plate engine, with crank motion, and complete with pumps and gear. A high-pressure horizontal cylinder will be very suitable, if adapted to drive a pitchen wheel.—Apply by letter, stating price, &c. to THOMAS WRIGHT and CO. Engineers, 9, George-yard, Lombard-street.

TO BE SOLD, a BARGAIN, a capital double-fire, hot-air, descending-flue CHURCH STOVE, now within the years, with fittings, but complete, just removed from a church in the city; very suitable for a large draper's shop.—Apply to Mr. J. R. PREWER, 108, Upper Thames-street, City.—N.B. A good GAS-FITTER, SMITH, and BELLHANGER, WANTED, for country employment.

BOILER and WATER TANKS for SALE.—A Cornish Boiler, in good condition 28 feet long, 4 feet 6 in. diameter, equal to twenty-horse power. Also several large Square and Round Water Tanks to be sold cheap.—Apply to A. WEIGHT, Engineer, 88, Millbank-street.

TO IRON FOUNDERS, CONTRACTORS, AND OTHERS.

TO BE DISPOSED OF, a great bargain, a horse-power GEAR-WORK, with FOUNDRY FAN complete. The whole has been fitted up regardless of expense, and is in good order. It is offered for sale in consequence of a steam engine being erected in its place. The horse wheel is 20 feet diameter, with metal cogs. The gear work may be had without fan.—Apply to J. and F. HOWARD, Bedford.

A SAVING of TIME and MATERIALS, with solidity of Building.

NATHAN SOUGHT'S PATENT PORTABLE STEAM-ENGINES of two, three, four, and six-horse power, for grinding mortar, raising building materials, driving piles, circular saws, pumps, &c. &c. Albert street, Manchester.

TESTIMONIAL

From the Trustees of the Birkenhead Docks.

"Engineer's Office, Dock-yard, Birkenhead, 21st July, 1861.

"Nathan Sought, esq.

"Sir,—I have much pleasure in informing you that the three-horse engine which you have placed in the Colonne for pumping, answers its purpose admirably, doing the work much better than circular mill could accomplish. From its portability and lightness, it is peculiarly adapted for such a purpose.

"I am, Sir, your obedient servant,

"JAS. ABERNETHY."

CALORIFERE.—Gold Medal, Paris Exhibition, 1862.—A thousand cubic feet room warmed at 45 degrees Fahrenheit on burning 1 lb. of coal per hour. The most complete safety against fire, the healthiest and most powerful ventilation, without any machinery, may be obtained by BOILEAU'S CALORIFERE patent apparatus for warming, ventilating, and disinfecting by hot air only. The Calorifere has been adopted by His Grace the Duke of Bedford, at Woburn Abbey, and is in operation at several manufactories in London and the country.—Apply, per post, to T. BOILEAU, Civil Engineer for Flour Mills, Tarbjerg, 147, Fenchurch-street, London.

GUTTA PERCHA TUBING.—May be buried for years without injury, and it is therefore valuable for conveying water, chemicals, &c. It is peculiarly valuable for liquid manure, drain, and soil pipes. Being a non-conductor, it is not affected by the heat of winter or drought of summer. Has metal or leather for strength in extraordinary; the small bell-mouth diameter falling having trouble in presence of the like on the square tools, without bending. The smaller sizes may be had in 100 feet, and the larger in 50 feet lengths. The joints are easily made. As a conductor of sound it is most valuable for conveying messages in lieu of bells. Every variety of articles manufactured by the GUTTA PERCHA COMPANY, Patentees, 18, Wharf-road, City-road. London; and sold by their wholesale depots.

Wholesale City Depôt, Messrs. BURGESS and KEY, 134, Newgate-street.

DAMP WALLS.—NEW PATENT PAINT, as used in the TOWER, by order of HER MAJESTY'S HONOURABLE BOARD of ORDNANCE; at the TUNNEL; ZOOLOGICAL GARDENS, Regent's-park, and various other public and private buildings; in quantities to cover twenty square yards for 10s.

PATENT LIQUID CEMENT for the inside of houses, for being preventative against the evaporation of lime and stone, and for ornamental purposes, the cost of Oil Paint. In cases of 1, 2, and 3 cwt. at 4d. per lb. and the cases.

PATENT MINERAL ZINC PAINTS, invaluable for shipping, roofing and purposes, ready for use. White Stone and Lead, in Greens and Blues, in particular.

BLACK MINERAL PAINT, very permanent, half the usual price, only in one gallon.

NEW PATENT COLOUR for inside work, may be applied on Wood, Stone, Cement, or over Old Paint. No smell, and will dry in an hour. In cases of 1 cwt. at 10s.

G. BELL and CO. Steam Mills, 8, Wellington-street, Gaswell-street, London.

HUBBUCK'S PATENT WHITE ZINC PAINT.—The PERMANENT WHITE of the Ancients, by its continuous historic connected to the use of the artist, is now introduced at the price of the ordinary white lead.

Four years since the proprietors placed their manufacture on a large scale, and put this elegant Paint in competition with White Lead.

Its continued superiority over every other paint hitherto known brought forward various imitations.

These inferior productions, frequently made from zinc ores, containing lead, arsenic, and other deleterious constituents, while injurious to health, deleterious to body, and rendering the paint inferior to that for which the original paint stands pre-eminent.

In justice to the proprietors these should not be confounded with the original, even though sold under the pretence that it is all the same.

Hubbuck's paint is entirely free from any injurious properties whatever; it is healthful in the manufacture, healthful in use, and healthful to occupants of rooms newly painted with it.

As a guard to the public against the substitution of the inferior paints, each tank is stamped

"HUBBUCK, LONDON, PATENT"

and if the tank has not been so marked, the contents is obtrusive.

The powdered White Zinc also may be had for grinding in oil; also for use for porcelain cards, for japanning, for room cornice, and for plaster decorations, and for other purposes where it is used with size, gum, varnish, spirit, &c. &c.

A circular with full particulars may be had of THOMAS HUBBUCK and SON, Colour Manufacturers, opposite the London Docks.

PURE PATENT WHITE ZINC PAINT, from the VIEILLE MONTAGNE ZINC MINING COMPANY of BELGIUM.—This PAINT is superior in every respect to white lead; it is unequalled in whiteness and green very hard when it is applied, and is, therefore, for interior work, susceptible of a high polish. Besides, it is entirely free from all poisonous influences, is unaffected by sea-water, impregnated hydrogen, or any gases, and preserves its original colour, which white lead does not do.

WHITE ZINC PAINT causes none of the ravages in variously committed by white lead upon the human frame; painters' colic, nor paralysis, &c. &c. to which dangerous occupations the workmen and manufacturers who use it are subject, and to which persons who inhabit newly-painted apartments are also liable. Since its introduction into the United Kingdom, by the patentees, the Admiralty and the most eminent professional men have given it their preference over any other paint. The public is cautioned, that if white zinc paint is adulterated, it becomes a very inferior paint, instead of a first-rate one, and peels or washes off on outside work.

The VIEILLE MONTAGNE ZINC COMPANY imports namely from its works in Belgium WHITE OXIDE of ZINC in a dry powder, and the same bearing their mark. This are only to be considered as genuine, and may be obtained, for grinding in oil, at any of the Agents, resident in the following towns, viz.: London, Liverpool, Birmingham, Hull, Newcastle, Leeds, Glasgow, Bristol, Plymouth, Exeter, Ipswich, Dublin, Cork, Belfast, and Jersey.

The same oxide ground "pure" to a White Zinc Paint, may be also obtained from the Company's Agents of the above-mentioned localities, or likewise from Mess. Grinding Agents, Messrs. C. DEVACK and Co. 18, Holy Well-street, City, London; and Messrs. ROBT. ANDERSON and Co. Tuns-street, Leith, Scotland. Pure White Zinc Paint may therefore be purchased from Messrs. BLUNDEL SPENCE and Co. Hull.

For further particulars apply to Mr. H. F. SOUHOLL, General Agent for the United Kingdom, at the Company's offices, 13, Manchester-buildings, Westminster-bridge, London.

THE WASHINGTON CHEMICAL COMPANY,
NEWCASTLE-ON-TYNE;

Manufacturers of

PATTINSON'S OXICHLORIDE of LEAD.—The Washington Chemical Company having, during the last year, established a Manufactory of Pattinson's Oxichloride of Lead on a large scale, and being able to supply it with regularity, and to execute orders without delay, now proceed to bring this new and valuable preparation of Lead before their friends and the public, quite sure that it will recommend itself, in the present age, by its cheapness, because it is new, and that if judged by its merits, it must make its way; and, finally, take its place as one of the important manufactures of this country.

Pattinson's Oxichloride of Lead is a chemical combination of one equivalent of Chloride of Lead, and one equivalent of Oxide of Lead; it being well known that common White Lead is a chemical combination of one equivalent of Oxide of Lead, and one equivalent for its equivalent of Carbonic Acid, constituting what is called in chemical language, Carbonate of Lead. Now there is no reason to conclude that Carbonate of Lead is the only preparation of lead valuable as a paint, and still less that it should be the best compound of lead for that purpose. In point of fact it is not so, for the newly-discovered Oxichloride is most, if not in all respects, superior; the colour is brilliant, and has a tendency to whiten if when it has been tried against the best White Lead that could be obtained, and after a period of upwards of two years it has been found to retain its white colour, considerably better than the lead against which it was tried.

But the chief and by far the most important advantage it possesses is its remarkable and very decided superiority of body; by which have the power of covering surfaces well and economically, it undoubtedly among Painters. The attention of the discoverer was in a very early period drawn to this circumstance, and since that time the Washington Chemical Company have had abundant opportunities of placing an opportunity in this important particular beyond all doubt. They have themselves performed a number of experiments, and have also caused a number of experiments to be performed, in the large way, by various practical men, to ascertain accurately the covering power as compared with the best White Lead, and they have made the proposition to be as 60 to 100, that is, 60 lbs. of Oxichloride Paint will cover as much surface as 100 lbs. of the best White Lead. Not only, of course, of cost being in the same proportion; besides this, the covering is fuller and more positive, both in and out of doors, so the Oxichloride dries into a hard, tenacious layer, more like an Enamel than paint.

In using the Oxichloride, no difficulty in the materials with which it is mixed is required. Oil and Turpentine are equally used both for work mechanically called Painting, and for work intended to be varnished. For the use of Paper Stainers and Leather Dressers, the Oxichloride is found to be peculiarly suitable. The Washington Chemical Company strongly recommend this newly-discovered substance to the notice of consumers, both on account of its economy, and its superior good qualities as a paint.

AGENTS

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LIVERPOOL	Mr. James Beaufoy.
MANCHESTER	Messrs. T. and H. G. Jepson.
NEWCASTLE	Mr. John Young.
SUNDERLAND	Mr. Rudolf Pearson, Tavistock and Plymouth.
DEVONSHIRE AND CORNWALL	Mr. Thos. Bailey, jun. Greenside-place, Edinburgh.
EDINBURGH AND EAST COAST OF SCOTLAND	Mr. John Kirkshaw, Glasgow.
GLASGOW AND WEST COAST OF SCOTLAND	Mr. P. Lindsay, 32, Middle Abbey-street, Dublin.
DUBLIN AND SOUTH OF IRELAND	Messrs. William Stevenson, jun. and Co.
BELFAST	